

```

For each i          /* rows */
  for each j        /* columns */
    for each u      /* u = 0, 1, ..., k */
      
$$MM_u(i,j) = M_u(i,j) + \sum_{x,y} w_u(x,y)e_u(i-x,j-y)$$

    endfor (u)
5   ExOut (i,j) =  $\operatorname{argmin}_{c \in C} \left( \sum_u v_u |MM_u(k,l) - c_u|^p \right)^{1/p}$ 
      /*  $c_u$  is the (u+1)-th coordinate of  $c$  */
       $(e_0(i,j), \dots, e_k(i,j)) = (MM_0(i,j), MM_1(i,j), \dots$ 
       $MM_k(i,j)) - \text{ExOut}(i,j)$ 
10  endfor (j)
    endfor (i)

Set embedded source image  $M_0'$  as the first
coordinates of ExOut.

```

15

FIG.1A

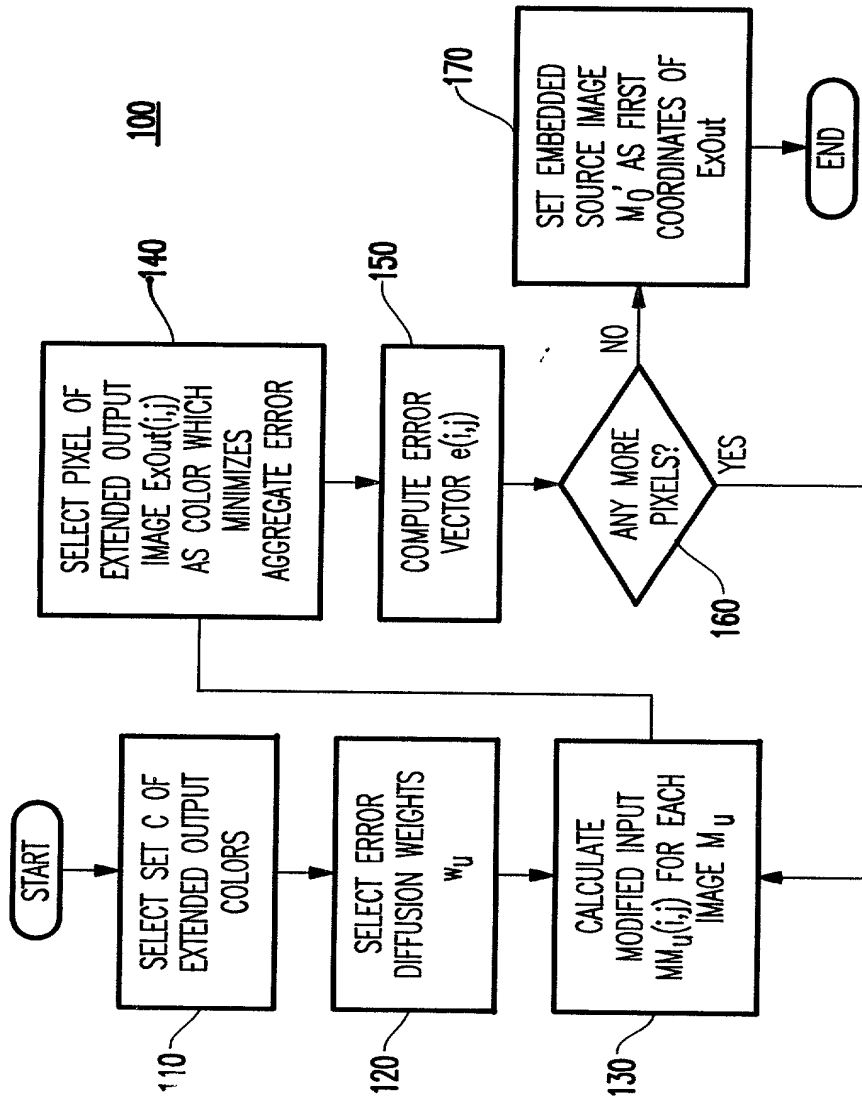


FIG.1B



FIG.2A

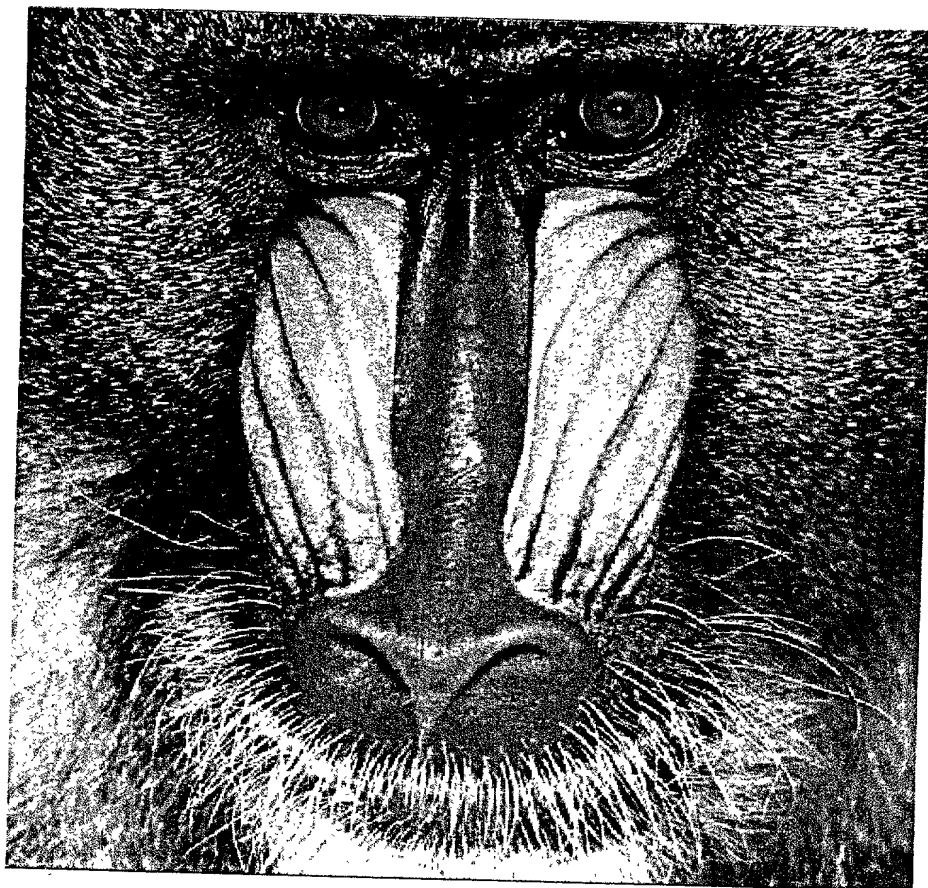


FIG.2B

00047340 074604



FIG.2C

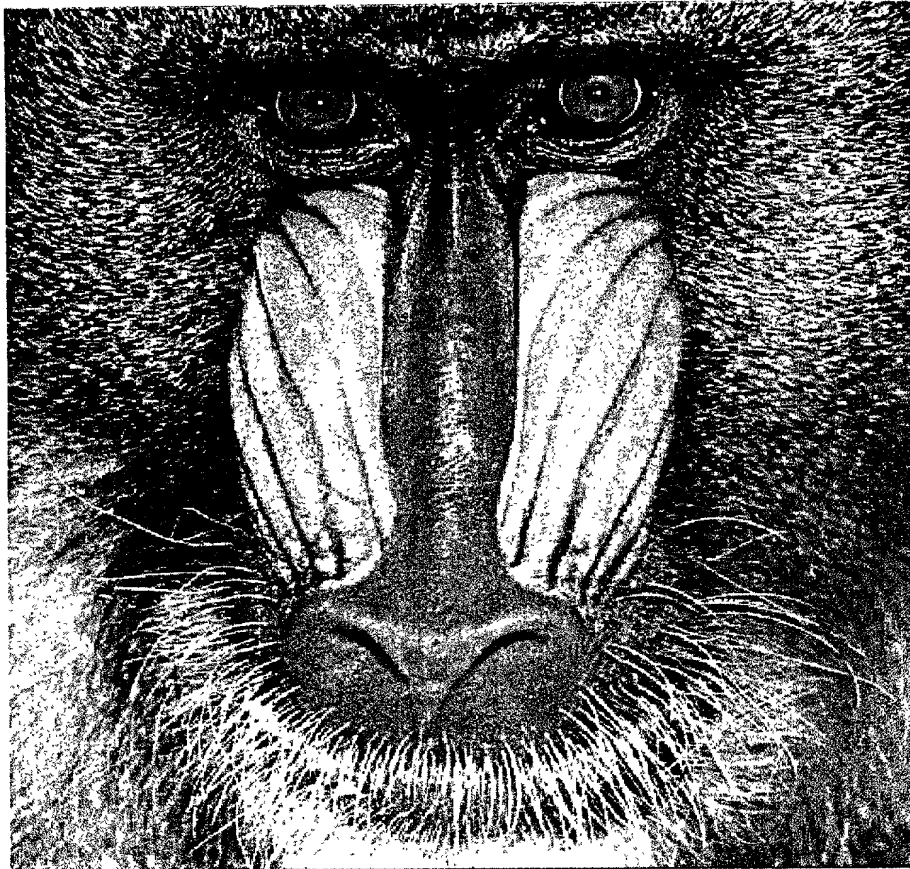


FIG.2D

00947340 074504

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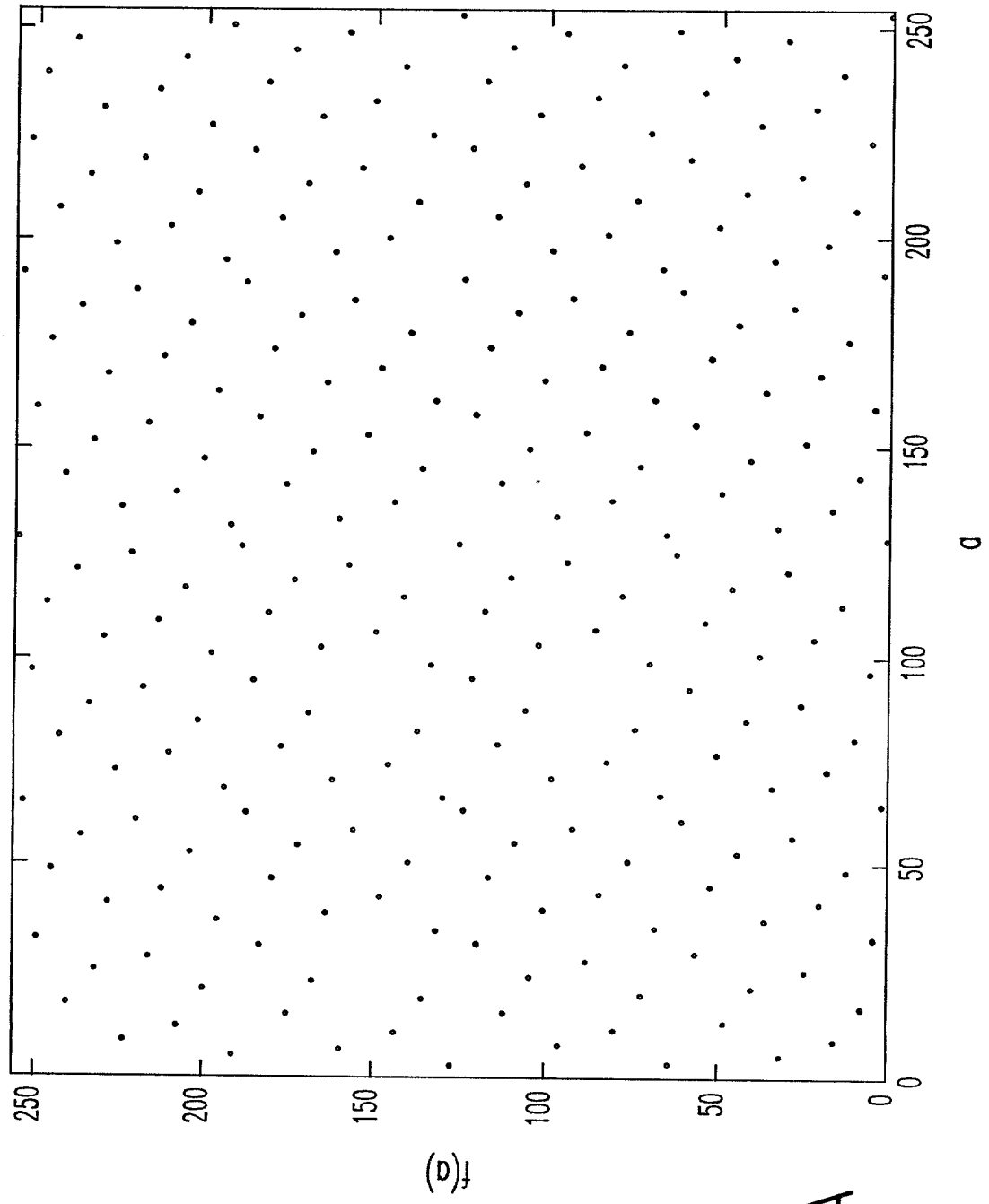


FIG.3A

FIG. 3B

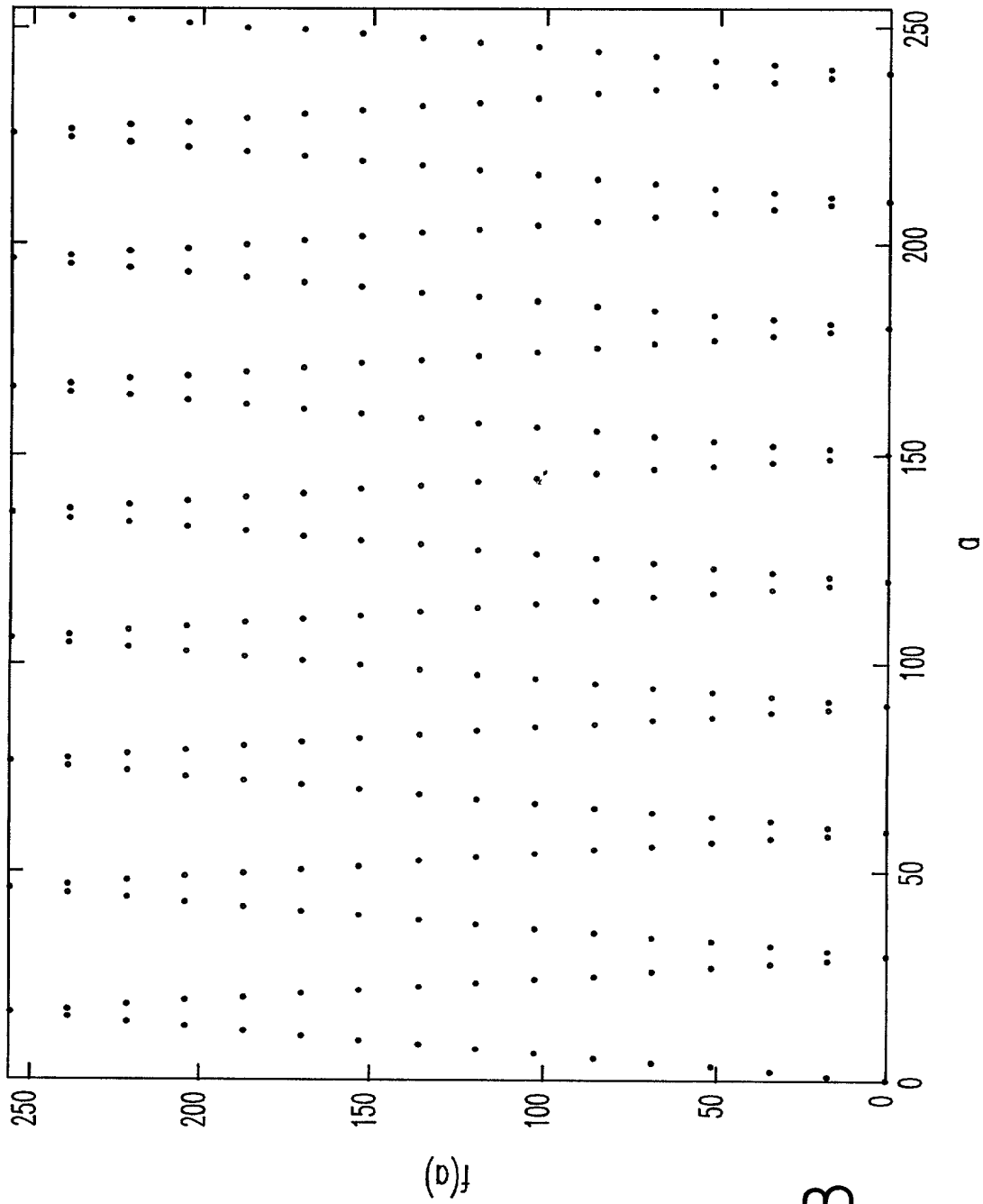


FIG.3B





FIG.4A

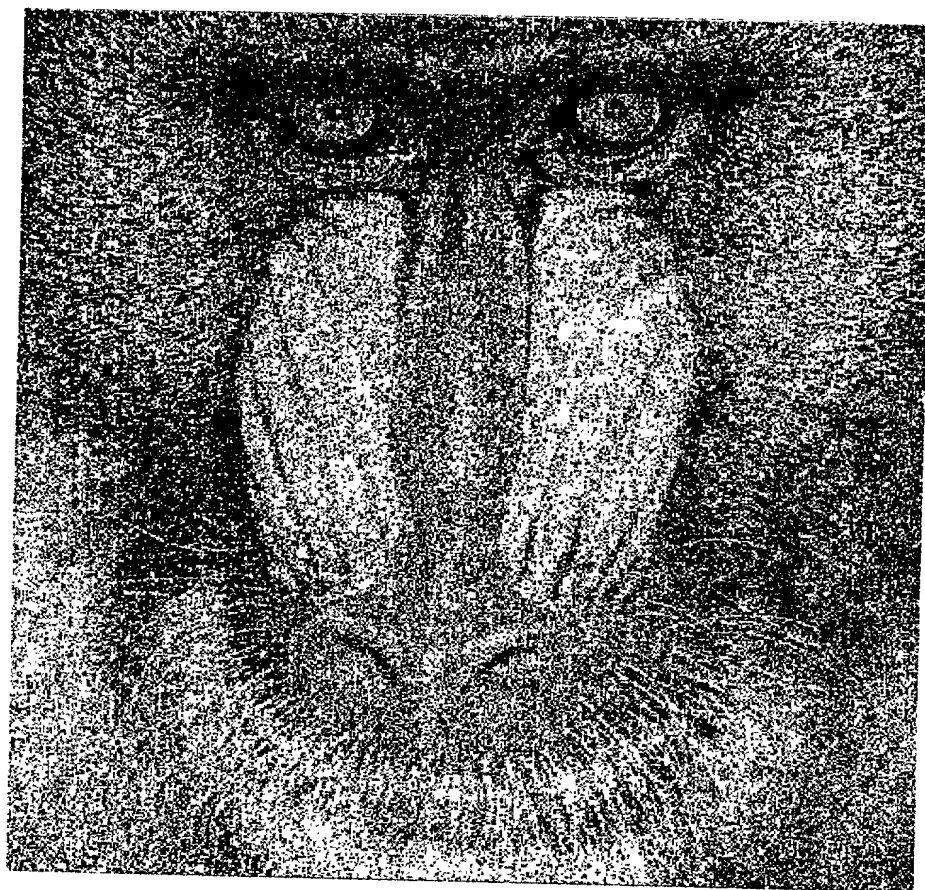


FIG. 4B

For each iteration /\* iteration \*/  
 for each i /\* rows \*/  
 for each j /\* column \*/  
 for each member d of C /\* search through  
 5 all possible members  
 of C \*/  
 set ExOut(i,j) = d  
 compute  

$$v(d) = |L(\text{ExOut}_0 - M_0)|^2 + |L(\text{PExOut}_1 - M_0)|^2$$
  
 10 endfor (d)  
 set ExOut(i,j) =  $\underset{d}{\operatorname{argmin}} v(d)$   
 endfor (j)  
 endfor (i)  
 endfor (iteration) or until ExOut has not changed  
 15 between two consecutive iterations.  
 Set embedded source image  $M_0'$  as the first  
 coordintes of ExOut.

FIG.5A

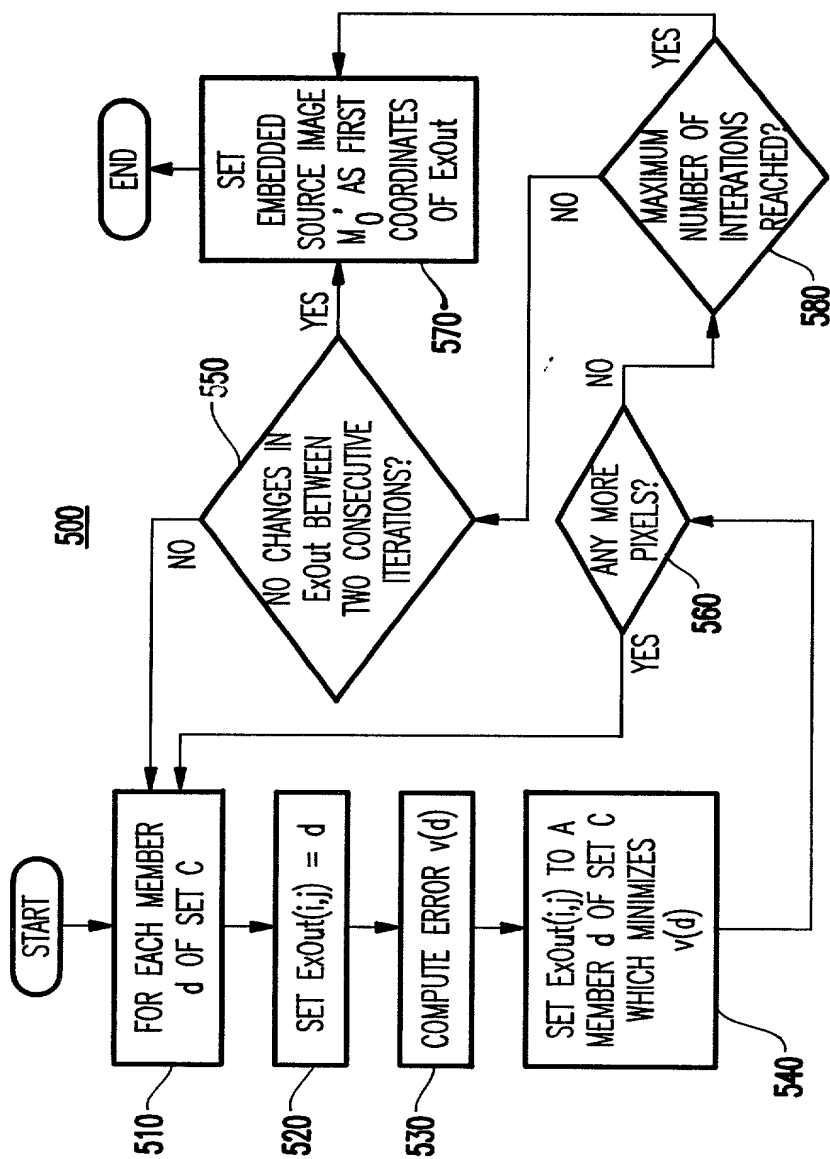


FIG.5B



FIG.6A



FIG.6B

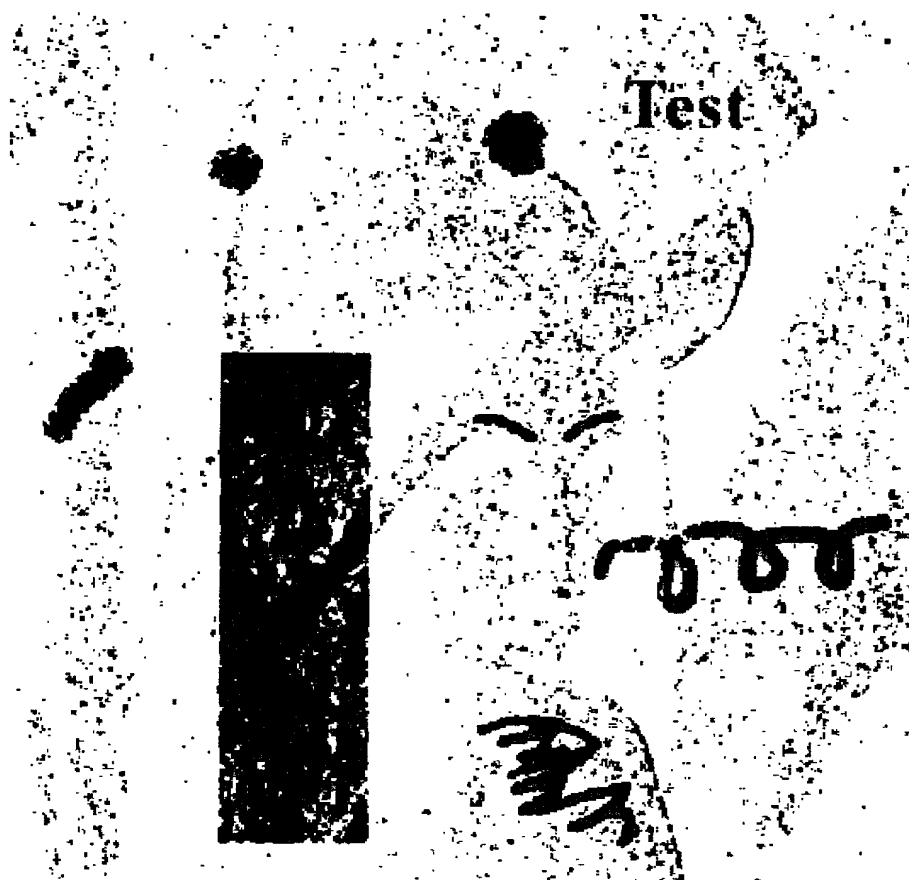


FIG.6C



FIG.6D





FIG.6E

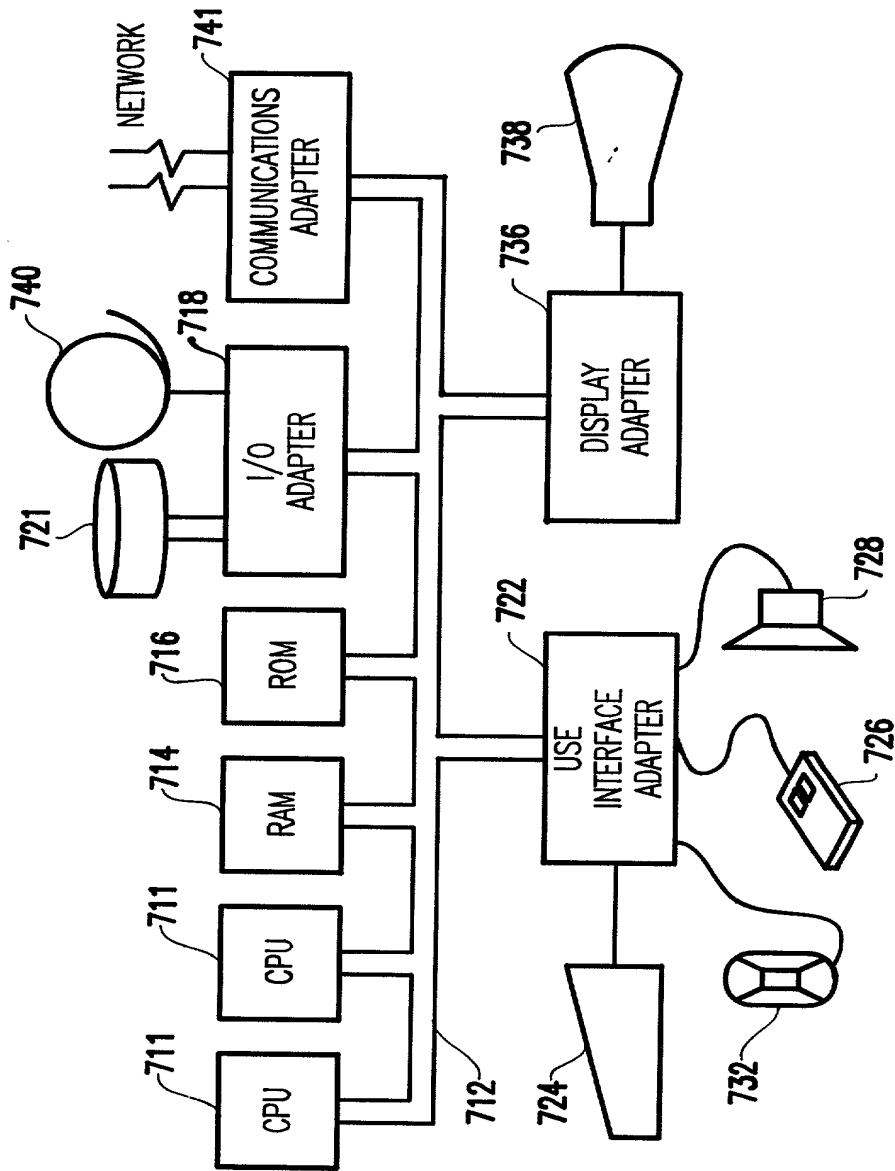


FIG. 7

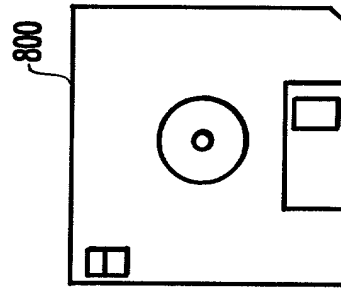


FIG. 8